ABSTRACT

[0059]   A system and method for providing real-time imaging for use in wide area space based surveillance utilizing an Optical Tera-bps Satellite (OPTSAT) network, including a plurality of OPTSATs, wherein an object is imaged with at least one surveillance aperture operatively linked to at least one of the plurality of OPTSATs is disclosed herein. The optical image data obtained the at least one surveillance aperture is processed in a one image processor, and displayed in a terminal capable of wirelessly transceiving information with the plurality of OPTSATs.